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APPLICANT(S): Yamaguchi et al.

SERIAL NO.: 09/202,455

FILING DATE: December 15, 1998 GROUP: 1646

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Fit	AA	4,179,337	12/18/79		435	81	
	AB	5,118,667	6/2/92		514	12	
	AC	5,393,739	2/28/95		514	12	
	AD	5,447,851	9/5/95		435	69.7	
	AE	5,578,569	11/26/96		514	12	
	AF	5,599,708	2/4/97		435	240.27	
	AG	5,658,756	8/19/97		435	69.1	
	AH	5,985,832	11/16/99		514	12	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
Fit	BB	0 514 130 A2	11/19/92	EP	A61K 37	02	05/12/92		Y
	BC	0 727 211 A1	8/21/96	EP	A61K 31	50	2/7/96		Y
	BD	96/28546	9/19/96	WO	C12N 15	00	3/15/95		Y
	BE	97/00317	1/3/97	WO	C12N 15	11	6/4/96		Y
	BF	97/00318	1/3/97	WO	C12N 15	11	6/7/95		Y
	BG	97/23614	7/3/97	WO	C12N 15	12	12/20/96		Y
	BH	98/07840	2/26/98	WO	C12N 15	00	8/19/97		N
	BI	330400	5/28/99	NZ	C07H 21	04	5/7/98		Y



OTHER ART, JOURNAL ARTICLES, ETC.		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
Fit	CF	Fenton, A.J. et al., "Long-Term Culture of Disaggregated Rat Osteoclasts: Inhibition of Bone Resorption and Reduction of Osteoclast-Like Cell Number by Calcitonin and PTHrP[107-139]" <u>J. Cellular Phys.</u> 155:1-7 (1993)
	CG	Adams, M.D. et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project", <u>Science</u> , vol. 252, 21 June 1991, pp. 1651-1656.
	CH	Chambers et al., "Generation of osteoclast-inductive and osteoclastogenic cell lines from the H-2btsA58 transgenic mouse," <u>Proceed. of the National Acad. of Sciences of USA</u> , vol. 90, June 1993, pgs. 5578-5582.
	CI	Chenu et al., "Transforming growth factor β inhibits formation of osteoclast-like cells in long-term human marrow cells," <u>Proceed. of the National Acad. of Sciences of USA</u> , vol. 85, August 1998, pgs. 5683-5687.
	CJ	F.W. Fawthrop et al., "The Effect of Transforming Growth Factor β on the Plasminogen Activator Activity of Normal Human Osteoblast-like Cells and a Human Osteosarcoma Cell Line MG-63" <u>J. Bone and Mineral Res.</u> 7(12):1363-1371 (1992)
	CK	Goodwin et al., "Molecular cloning and expression of the type 1 and type 2 receptors for tumor necrosis factor," <u>Database EMROD, EMBL Databases</u> , Accession Number: M59378, June 28, 1991.
	CL	Gowen et al., "Preferential Inhibition of Cytokine-Stimulated Bone Resorption by Recombinant Interferon Gamma," <u>Journal of Bone and Mineral Research</u> , vol. 1, number 5, 1986, pgs. 469-474.
	CM	Hattersley et al., "Human Macrophage Colony-Stimulating Factor Inhibits Bone Resorption by Osteoclasts Disaggregated From Rat Bone," <u>Journal of Cellular Physiology</u> , vol. 137, number 1, October 1998, pgs. 199-203.
	CN	Kasono et al., "Inhibitory effect of interleukin-4 on osteoclast-like cell formation in mouse bone marrow culture," <u>Bone and Mineral</u> , vol. 21, 1993, pgs. 179-188.
	CO	Kukita et al., "Osteoinductive factor inhibits formation of human osteoclast-like cells", <u>Proc. Natl. Acad. Sci. USA</u> , vol. 87, 29 January 1990, pp. 3023-3026.
	CP	Lewis et al., "Cloning and expression of cDNAs for two distinct murine tumor necrosis factor receptors demonstrate one receptor is species specific", <u>Proc. Natl. Aca. Sci. USA</u> , vol. 88, 1991, pp. 2830-2834.
	CQ	Reddi, "Bone morphogenesis and modeling: soluble signals sculpt osteosomes in the solid state," <u>CELL</u> , vol. 89, April 18, 1997, pgs. 159-161.
	CR	Smith et al., "The TNF receptor superfamily of cellular and viral proteins: activation, costimulation, and death," <u>CELL</u> , vol. 76, March 25, 1994, pgs. 959-962.
	CS	Simonet et al., "Osteoprotegerin: a novel secreted protein involved in the regulation of bone density," <u>CELL</u> , vol. 89, April 18, 1997, pgs. 309-319.
	CT	Suda et al., "Modulation of Osteoclast Differentiation by Local Factors" <u>Bone</u> 117(2 Supp.):87S-91S (1995)
	CU	Takada et al., "A simple method to assess osteoclast-mediated bone resorption using unfractionated bone cells," <u>Bone and Mineral</u> , vol. 17, 1992, pgs. 347-359.
✓	CV	Watanabe et al., "Interleukin-4 as a Potent Inhibitor of Bone Resorption," <u>Biochem. and Biophys. Research Comm.</u> , vol. 172, number 3, 1990, November 1990, pgs. 1035-1041.



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EXAMINER	DATE CONSIDERED 6/11/01	

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